

ASEK717, Board, Demo
85-0667-002-FAB
Originator: S. Upton

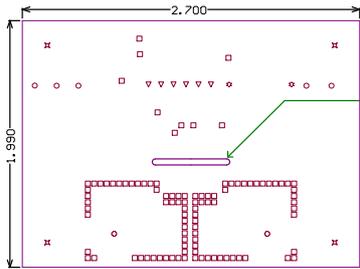
FAB Drawing

1. Finished PCB is RoHS
2. Dimensions are in inches, unless otherwise noted.
3. Applicable Standards:
 - 3a. Manufacture in accordance to IPC-6011, IPC-6012.
 - 3b. UL Approved to a minimum category of 94UO.
4. Laminate:
 - 4a. Thickness: 0.062inch
 - 4b. Type: FR4
5. Copper:
 - 5a. Layer Count: 2
 - 5b. Exterior layers: 4oz min
 - 5c. Interior layers: N/A
 - 5d. Plated through holes: plate to 1mil min copper thickness
 - 5e. Trace separation: 10mil
 - 5f. Trace min width: 10mil
6. Surface Finish:
 - 6a. Immersion Gold
 - 6b. This line left intentionally blank.
7. Soldermask:
 - 7a. Top/Bottom soldermask required
 - 7b. Soldermask color shall be green.
8. Silkscreen
 - 8a. Top/bottom silkscreen required.
 - 8b. Silkscreen color shall be white.
 - 8c. Min silkscreen line width: 8mil
 - 8d. Epoxy or acrylic ink allowed
9. Drill holes:
 - 9a. No blind or buried vias.
 - 9b. Hole sizes are specified after plating.
10. Mill separate (or V-score) according to mech1 (*.g1) layer.
11. Contact information:
 - 11a. Shaun Upton, supton@allegromicro.com, 603.626.2429
 - 11b. If fast turn board, 24hr contact info: N/A

Layer Stack Up Detail for: 85-0667-002-R1.PCBDOC

| Layer Name | Gerber Document | Copper Thickness |
|-------------|-----------------|------------------|
| TopLayer | (.GTL) | 5.6mil |
| BottomLayer | (.GBL) | 5.6mil |

Mechanical Layer 1 *.gm1 is Board Outline, slots and circular cutouts
 Mechanical Layer 2 *.gm2 is footprint notes (not for fab house)
 Mechanical Layer 3 *.gm3 is hole location guide
 Mechanical Layer 4 *.gm4 is board outline dimensions
 Mechanical Layer 5 *.gm5 is topside labels (if no silk)
 Mechanical Layer 6 *.gm6 is bottomside labels (if no silk)
 Mechanical Layer 7 *.gm7 is FAB drawing notes
 Mechanical Layer 8 and up are not for usage by PCB board house
 *.gts and *.gto are top and bottom soldermask
 *.dri is NC Drill
 *.spr is aperture file
 *.gpb and *.gpt are pad master layers, and are not used (ignore if in zip file)
 Keepout layer *.gko is for internal usage only, and is not to be used by board house



| Symbol | Hlt Count | Tool Size | Plated | Hole Type |
|--------|-----------|------------------|--------|-----------|
| □ | 101 | 15mil (0.381mm) | PTH | Round |
| ▽ | 6 | 42mil (1.067mm) | PTH | Round |
| ☆ | 2 | 56mil (1.422mm) | PTH | Round |
| ○ | 5 | 62mil (1.575mm) | PTH | Round |
| ⊗ | 4 | 125mil (3.175mm) | PTH | Round |
| ⊙ | 2 | 266mil (6.756mm) | PTH | Round |
| | 120 Total | | | |

